

**STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)**

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Powell
River System: Sol Duc	Date: 2/25/98
Site Identifier: S-307L-08	WRIA: 20.0308D
River Mile Location: 3.7 mi (hip chained)	RB/LB: LB
Local Name: Unnamed	Trib. to: Shuwah Cr. (20.0307)
Legal Description: SE¼ Sec11 T29N R13W	County: Clallam

Habitat Type: Lower valley wall tributary

Landowner: ☐ Federal ☒ State ☐ County ☐ Other Government ☒ Private
- Washington Dept. Of Natural Resources
- Hancock Timber

Directions to site:

Starting at Forks (Tillicum Park) drive north on Highway 101 for 5.3 miles (mp 197). Take a right on Maxfield Road and follow 0.65 mi to the logging road gate. A key to the gate can be obtained at the Rayonier Timber Office or DNR. Continue straight (crossing Shuwah Cr) for 0.4 mi and turn to the right. Continue following the road for 0.3 mi. At this point, there will be a road to the left going up a steep hill - take this road. Follow the road for 1.5 miles and there will be a new culvert crossing; this is S-307L-08.

Site Overview:

This is a small moderate-steep gradient, incised channel that experiences flushing flows. The substrate is mostly rubble with patches of gravel and sections with boulders. The egress has a ~ 4 foot drop into Shuwah Creek. This stream is more characteristically a cutthroat stream.

Habitat Information:

Water source: Terrace runoff

Intermittent/year-around:

- Probably intermittent

Estimated flows (gpm): 40 - 70

Water temperatures: 5.5° C

Adjacent stream temperature: 6° C (20.0307)

Other water observations:

Site area measurements: ☐ Indirect ☒ Direct ☐ Combination

Widths: Channel- 0.5 m - 1.2 m	Ponds- NA	Wetlands- NA
Depths: Channel- 5 cm - 20 cm	Ponds- NA	Wetlands- NA
Total length (includes ponds and wetlands): 320 m		

Total existing habitat area (est.): 272 m²

Spawning area: 0
Impounded area: 0
Other rearing area: 272 m²

Spawning Habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe spawning habitat:

- Some spawning gravel in patches amongst rubble and boulders.
- Spawning habitat is more conducive to cutthroat trout.

Rearing habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat:

- This is a moderate to a high gradient channel that experiences flushing flows.
- The over-story canopy are conifers/alders, some brush, and blow down.
- There are instream covers of LOD and overhang.

Describe inaccessible habitat:

- The ~ 4 foot fall at the egress.

Describe wetland: ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

Flooding potential: ☒ Low ☐ Medium ☐ High

Fish Information:

Site entry condition to (20.0307): ☒ Poor ☐ Fair ☐ Good

- Four foot fall at egress.

Coho access and use:

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good
Adult- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- Resident trout would likely use this channel.

Habitat Improvements:

Enhancement opportunities:

- Eliminate or reduce fall at egress.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

<input checked="" type="checkbox"/> Aerials	<input checked="" type="checkbox"/> Sketch	<input checked="" type="checkbox"/> Maps	<input checked="" type="checkbox"/> Culvert Report
<input type="checkbox"/> Other references	<input type="checkbox"/> Spawning surveys	<input type="checkbox"/> Juvenile trapping	<input type="checkbox"/> Fishway Report

DATE: 6-4-98

OBSERVER: Powell

Water was flowing \leq 75 gpm from the upper reach culvert.

DATE: 8-20-98

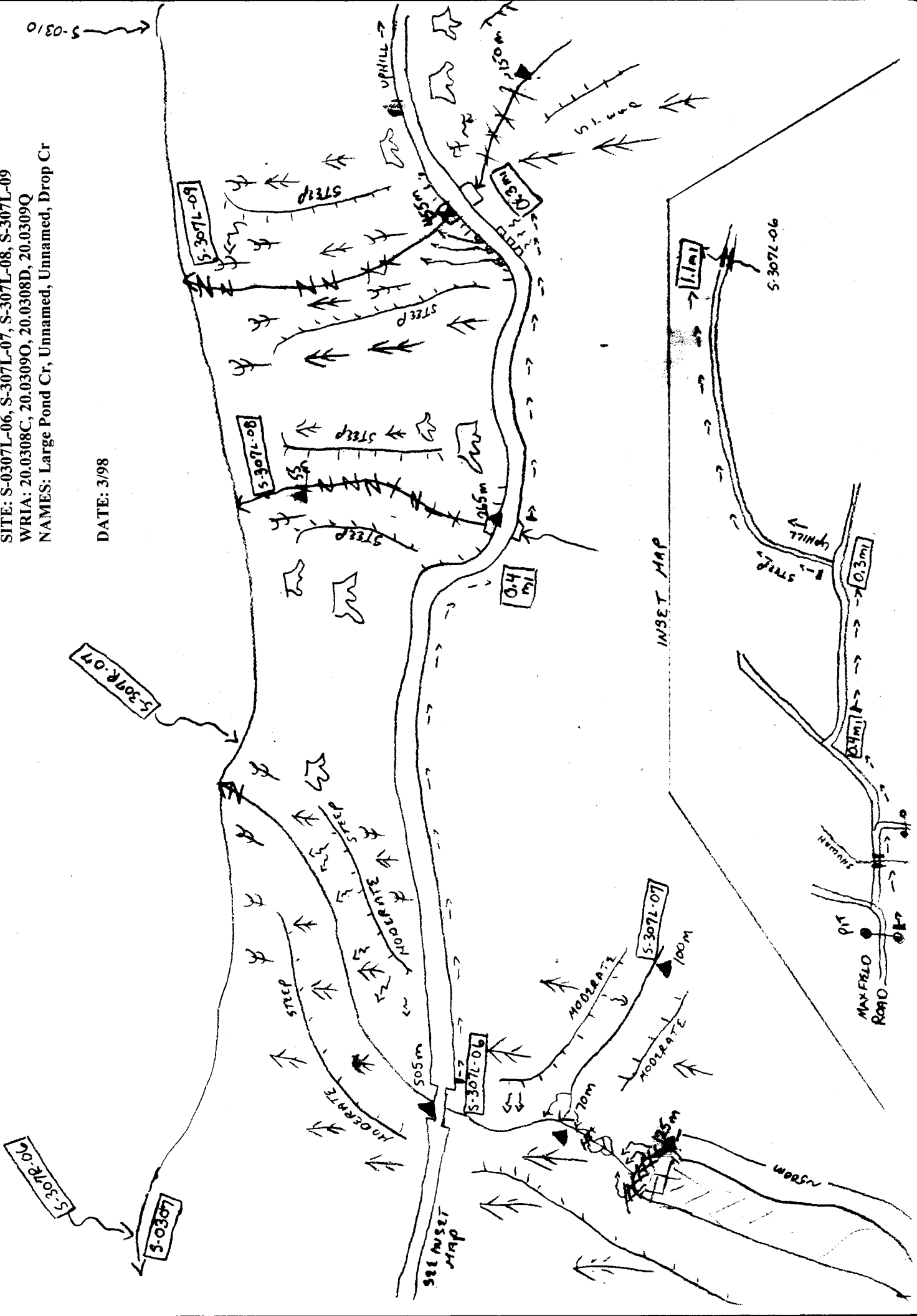
OBSERVER: Powell

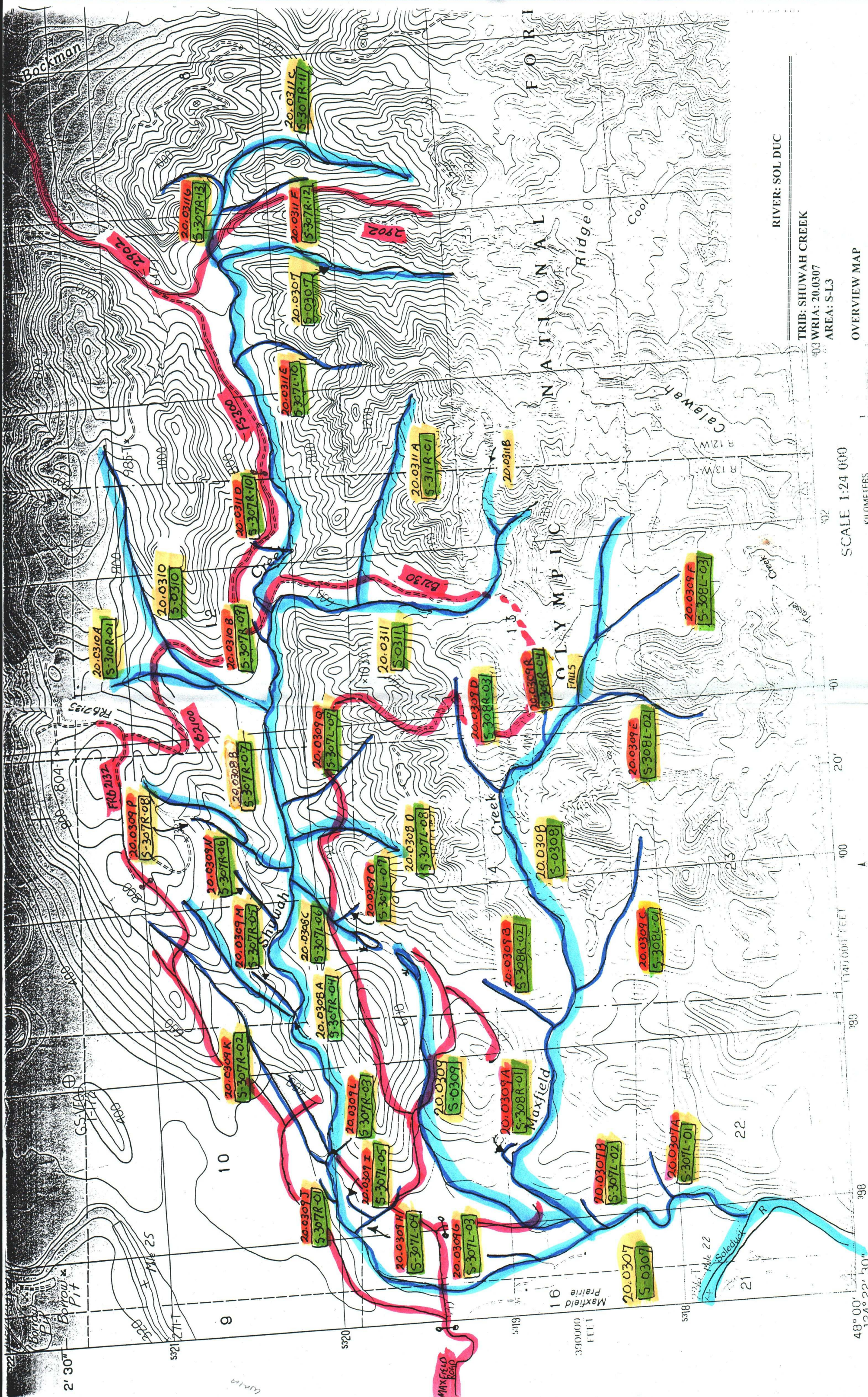
There was just a trickle of a flow at the upper reach culvert.

RIVER: SOL DUC

AREA: S-L3
SITE: S-0307L-06, S-307L-07, S-307L-08, S-307L-09
WRIA: 20.0308C, 20.0309O, 20.0308D, 20.0309Q
NAMES: Large Pond Cr, Unnamed, Unnamed, Drop Cr

DATE: 3/98





TRIB: SHUWAH CREEK
WRIA: 20.0307
AREA: S-L3

SCALE 1:24 000
KILOMETERS
METERS

OVERVIEW MAP
1998

48° 00' 124° 22' 30"
UNITED STATES GEOLOGICAL SURVEY

RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

